

In the claims:

1. A transfer device for use with a dental articulator, comprising:
  - 5 a plate member;
  - a base member spaced apart from said plate member, said base member adapted to be received by said articulator;
  - a stem connected to said plate member and extending between said plate member and said base member;
  - 10 a column extending from a first surface of said base member, wherein said stem is pivotally received in an opening of said column; and
  - a retaining block comprising a first opening for receiving said column, and a second opening disposed
  - 15 substantially perpendicular to said first opening for receiving a fastener.
2. The transfer device of claim 1, wherein said plate member further comprises a plurality of spaced apart holes extending through said plate member.
3. The transfer device of claim 1, wherein said plate member further comprises a hole for receiving a fastener and said stem comprises a threaded opening at a first end thereof for receiving said fastener.
4. The transfer device of claim 3, wherein said stem comprises a ball-shaped member extending from a second end opposite said first end thereof.
5. The transfer device of claim 4, wherein said column comprises spaced apart slots for allowing expanding of said column to receive said ball-shaped member of said stem.

6. The transfer device of claim 5, wherein said column comprises expandable material.

7. The transfer device of claim 1, wherein said retaining block comprises at least two slots approximately 90 degrees apart and formed adjacent said block first opening for allowing said block to expand to receive said  
5 column.

8. The transfer device of claim 7, wherein said second opening in said block extends through one of said slots formed in said block, wherein when said fastener is threaded through said second opening, said retaining block  
5 is compressed around said column and said at least two slots are compressed and are reduced in a widthwise direction.

9. The transfer device of claim 1, wherein said base member comprises at least one hole for receiving a pin extending from an associated articulator base.

10. The transfer device of claim 1, wherein said base member comprises a magnetized member.

11. The transfer device of claim 10, wherein said magnetized member comprises a circular magnet disc which engages a magnetized surface of an associated articulator base.

12. The transfer device of claim 11, wherein said magnet disc is received within a recess within said base member.

13. The transfer device of claim 10, wherein said base member comprises a plurality of holes spaced axially apart

about the magnetized member.

14. The transfer device of claim 12, wherein said magnet disc is centrally positioned on said base member.

15. The transfer device of claim 10, wherein said base member comprises a circular shaped block.

16. The transfer device of claim 1, wherein said column is offset with respect to a central longitudinal axis of said base member.

17. The transfer device of claim 1, wherein said stem is pivotable in relation to said opening of said column.

18. In combination:

an articulator assembly comprising:

an articulator base comprising a plurality of pins oriented around a magnetized section;

5 a bite fork and jig assembly comprising:

a block,

an elongated member adjustably fixed to said block,

10 a bite fork comprising a U-shaped plate and a stem, said bite fork being removably clamped to said elongated member via a mounting support extending from said elongated member and receiving said stem, wherein said mounting support comprises a clamp assembly;

15 said base further comprising an opening for receiving said elongated member of said jig assembly;

a transfer device comprising:

a base member adapted to be received by said

20 articulator base;

a plate member pivotally connected to said base member via a stem, said plate member adapted to align with and be removably secured to an underside of said bite fork plate; and

25 a retaining member which receives said stem and locks said plate member into a particular position.

19. The combination of claim 18, further comprising a plaster material which is applied onto said plate member for aligning and removably securing said bite fork U-shaped plate to said plate member.

20. The combination of claim 18, wherein said base member of said transfer device comprises a magnetized section which is received by said articulator base magnetized portion.

21. The combination of claim 18, wherein said transfer device further comprises a column extending from a first surface of said base member for pivotally receiving said stem of said transfer device.

22. The combination of claim 18, wherein said transfer device further comprises a retaining block for locking said stem in a particular position.

23. The combination of claim 18, wherein said plate member further comprises a plurality of spaced apart holes extending through said plate member.

24. The combination of claim 18, wherein said plate member further comprises a hole for receiving a fastener and said stem comprises a threaded opening at a first end

thereof for receiving said fastener.

25. The combination of claim 18, wherein said stem comprises a ball-shaped member extending from a second end thereof opposite said first end thereof.

26. The combination of claim 18, wherein said column comprises spaced apart slots for allowing expanding of said column to receive said ball of said stem.

27. The combination of claim 18, wherein said column comprises expandable material.

28. The combination of claim 18, wherein said retaining block comprises at least two slots approximately 90 degrees apart and formed adjacent said block first opening for allowing said block to expand to receive said  
5 column.

29. The combination of claim 18, wherein said second opening in said block extends through one of said slots formed in said block, wherein when said fastener is threaded through said opening, said retaining block is compressed  
5 around said column and said slot is compressed and is reduced in a widthwise direction.

30. The combination of claim 18, wherein said base member comprises at least one hole for receiving at least one of said plurality of pins extending from said articulator base.

31. The combination of claim 20, wherein said magnetized section of said base member is received within a recess within said base member.

32. The combination of claim 20, wherein said base member comprises a plurality of holes spaced axially apart about the magnetized member.

33. The combination of claim 20, wherein said magnetized section of said base member is centrally positioned on said base member.

34. The combination of claim 18, wherein said base member comprises a circular shaped block.

35. The combination of claim 21, wherein said column is offset with respect to a central longitudinal axis of said base member.

36. The combination of claim 18, wherein said stem is pivotable in relation to said opening of said column.

37. A transfer device comprising:  
an upper plate;  
a lower plate connected to said upper plate via a stem;  
said stem fastened to said upper plate and pivotally  
5 received by an opening in said lower plate; and  
a retaining element for locking said stem and said upper plate in a particular position.

38. A clutch transfer device, comprising:  
a plate;  
a support member secured to said plate;  
a magnetized member positioned on a first surface of  
5 said support member;  
at least one pin received by at least one hole in said first surface of said support member; and

a recess formed in said first surface of said support member, said at least one hole and said magnetized member  
10 being positioned within said recess.

39. The clutch transfer device of claim 38, further comprising a plurality of holes spaced apart about said magnetized member.

40. The clutch transfer device of claim 38, further comprising at least one pair of legs extending from said plate.

41. The clutch transfer device of claim 40, wherein said legs are fastened to said plate via fasteners.

42. The clutch transfer device of claim 38, wherein said support member is secured to said plate via a fastener.

43. The clutch transfer device of claim 38, wherein said support member comprises a pair of finger grips for manually gripping said device.

44. The clutch transfer device of claim 43, wherein said finger grips are spaced 90 degrees apart.

45. The clutch transfer device of claim 38, further comprising a slot extending from an end of said plate.

46. The clutch transfer device of claim 38, wherein said support member further comprises an index mark adjacent said recess.

47. The clutch transfer device of claim 38, wherein said plate further comprises at least one pair of legs

extending therefrom, wherein said plate and said legs are of one piece.

48. The clutch transfer device of claim 38, wherein said device is fabricated from metal.

49. The clutch transfer device of claim 38, wherein said support member has sides which protrude beyond sides of said plate.

50. The clutch transfer device of claim 38, further comprising a pair of pins spaced approximately 180 degrees apart wherein each of said pins is received by a corresponding hole in said support member.

51. The clutch transfer device of claim 38, further comprising at least one dowel for aligning said support member with a hole in said plate.